



Product datasheet

Recombinant Human K Cadherin/CDH6 protein  
ab151894

Description	
Product name	Recombinant Human K Cadherin/CDH6 protein
Purity	> 95 % SDS-PAGE. ab151894 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Lyophilized from a 0.2 µM filtered solution.
Endotoxin level	< 0.100 Eu/µg
Expression system	HEK 293 cells
Accession	<u>P55285</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	TLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSWMW NQFFLLEEYTG SDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTG DIQATKRLDR EEKPVYILRAQAINRRTGRPVEPESEFIKIHINDNEPIFTKE VYTATV PEMSDVGTFVVQVTATDADDPTYGNSAKVVYSILQGQPY FSVESETGIK TALLNMDRENREQYQVVIQAKDMGGQMGGLSGTTTVNITL TDVNDNPPRF PQSTYQFKTPESSPPGTPIGRIKASDADVGENAEIEYSITD GEGLDMFDV ITDQETQEGIITVKKLLDFEKKKVYTLKVEASNPYVEPRFLY LGPFKDSA TVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSVTAQDP DAARNPVK YSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLWHNITVIAT EINNPQK SSRVPLYIKVLDVNDNAPEFAEFYETFVCEKAKADQLIQLT HAVDKDDPY SGHQFSFSLAPEAASGSNFTIQDNKDNTAGILTRKNGYNR HEMSTYLLPV

VISDNDYPVQSSTGTVTVRVACDHHGNNMQSCHAEALIH  
PTGLSTGAVDH HHHHH

<b>Predicted molecular weight</b>	67 kDa including tags
<b>Amino acids</b>	22 to 615
<b>Tags</b>	His tag C-Terminus

## Specifications

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Our **Abpromise guarantee** covers the use of **ab151894** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized
<b>Additional notes</b>	This product was previously labelled as K Cadherin

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## General Info

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<b>Function</b>	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.
<b>Tissue specificity</b>	Highly expressed in brain, cerebellum, and kidney. Lung, pancreas, and gastric mucosa show a weak expression. Also expressed in certain liver and kidney carcinomas.
<b>Sequence similarities</b>	Contains 5 cadherin domains.
<b>Cellular localization</b>	Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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